



Radiation Guard Log

Pioneer Energy Services

API No.

15-147-20744-00-00

Company Bach Oil Production

Well Karon #1

Field Wildcat

County Phillips State Kansas

Location

2870' FSL & 1945' FNL

Other Services
None

Sec: 1 Twp: 1S Rge: 19W

Permanent Datum Ground Level Elevation 2000

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

K.B. 2005
D.F. 2000
G.L. 2000

Date 9/9/2014

Run Number One

Depth Driller 3441

Depth Logger 3428

Bottom Logged Interval 3427

Top Log Interval 200

Casing Driller 8.625 @ 219

Casing Logger 219

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 300

Density / Viscosity 8.6 65

pH / Fluid Loss 10.5 4.8

Source of Sample Flowline

Rm @ Meas. Temp 1.20 @ 70

Rmf @ Meas. Temp 0.90 @ 70

Rmc @ Meas. Temp 1.62 @ 70

Source of Rmf / Rmc Charts

Rm @ BHT 0.75 @ 112

Operating Rig Time 3 Hours

Max Rec. Temp. F 112

Equipment Number 91

Location Hays

Recorded By D. Schmidt

Witnessed By Bob Petersen

<<< Fold Here >>>

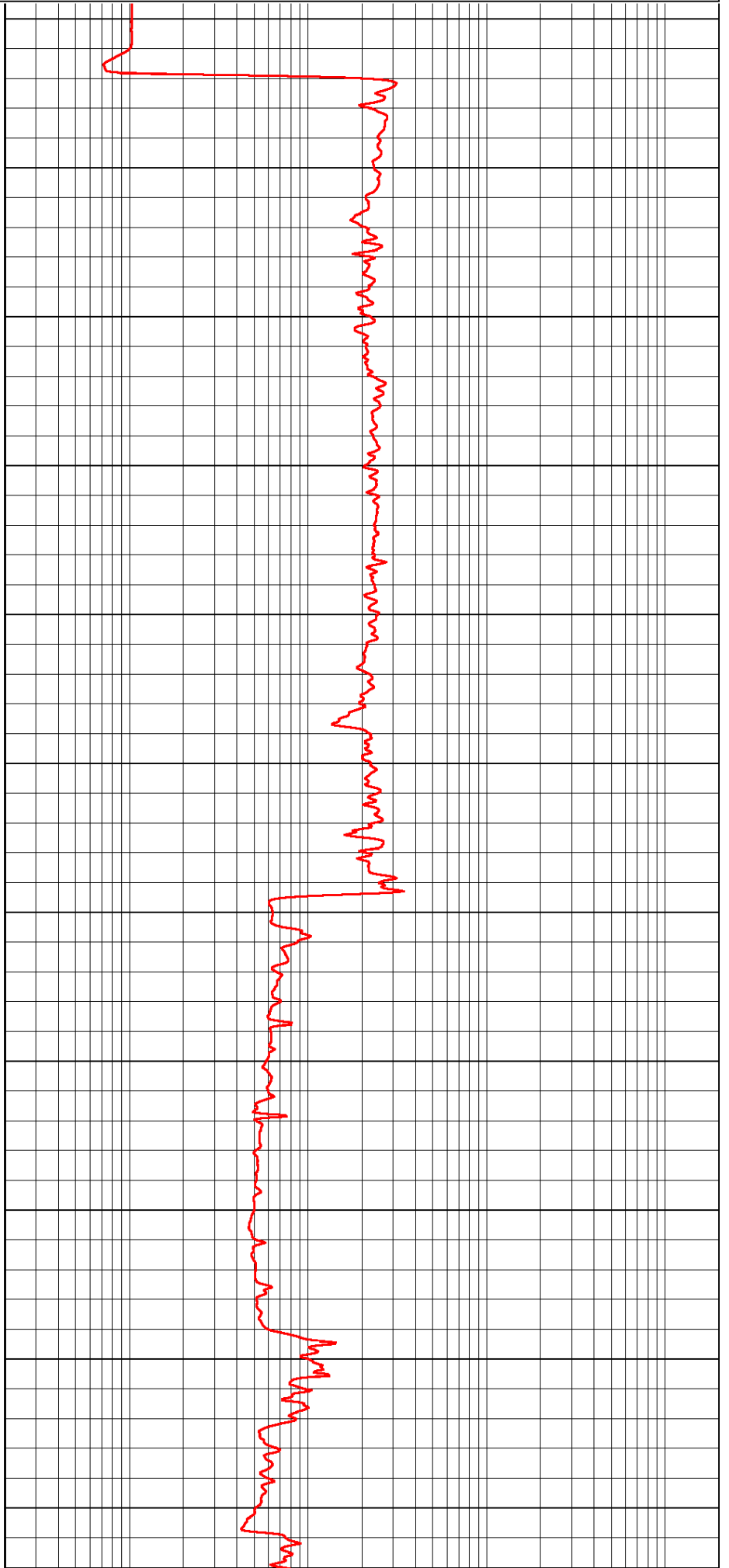
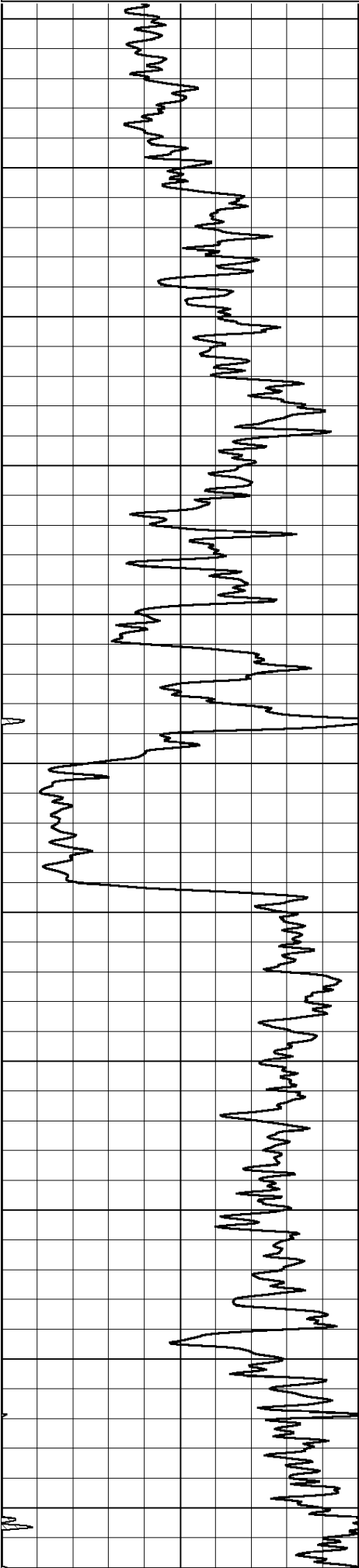
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

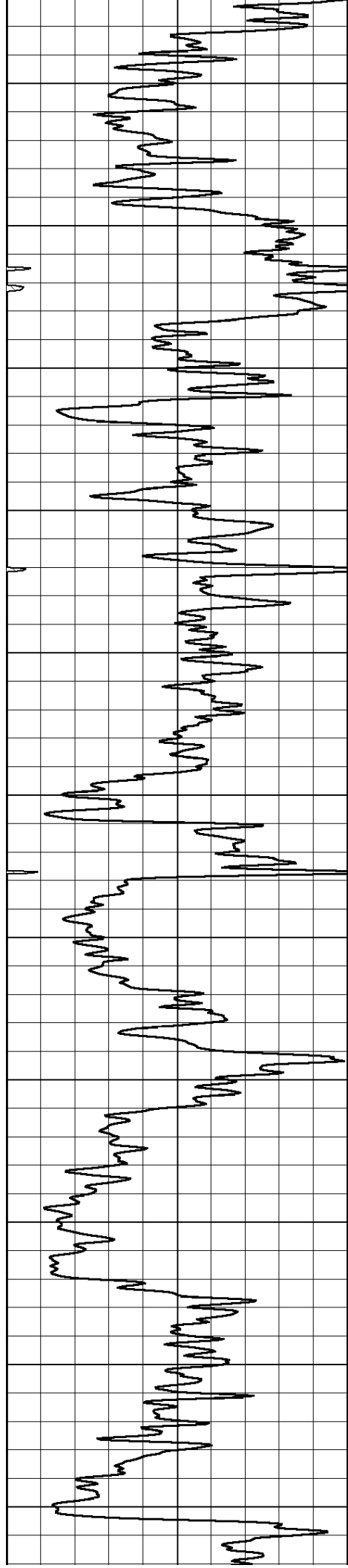
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

Phillipsburg,
North to Hwy 383, 3 West,
West into from the highway

Database File: bach_karon_1hd.db
Dataset Pathname: rag/bachrag
Presentation Format: rag2in
Dataset Creation: Tue Sep 09 09:37:15 2014
Charted by: Depth in Feet scaled 1:600





750

800

850

900

950

1000

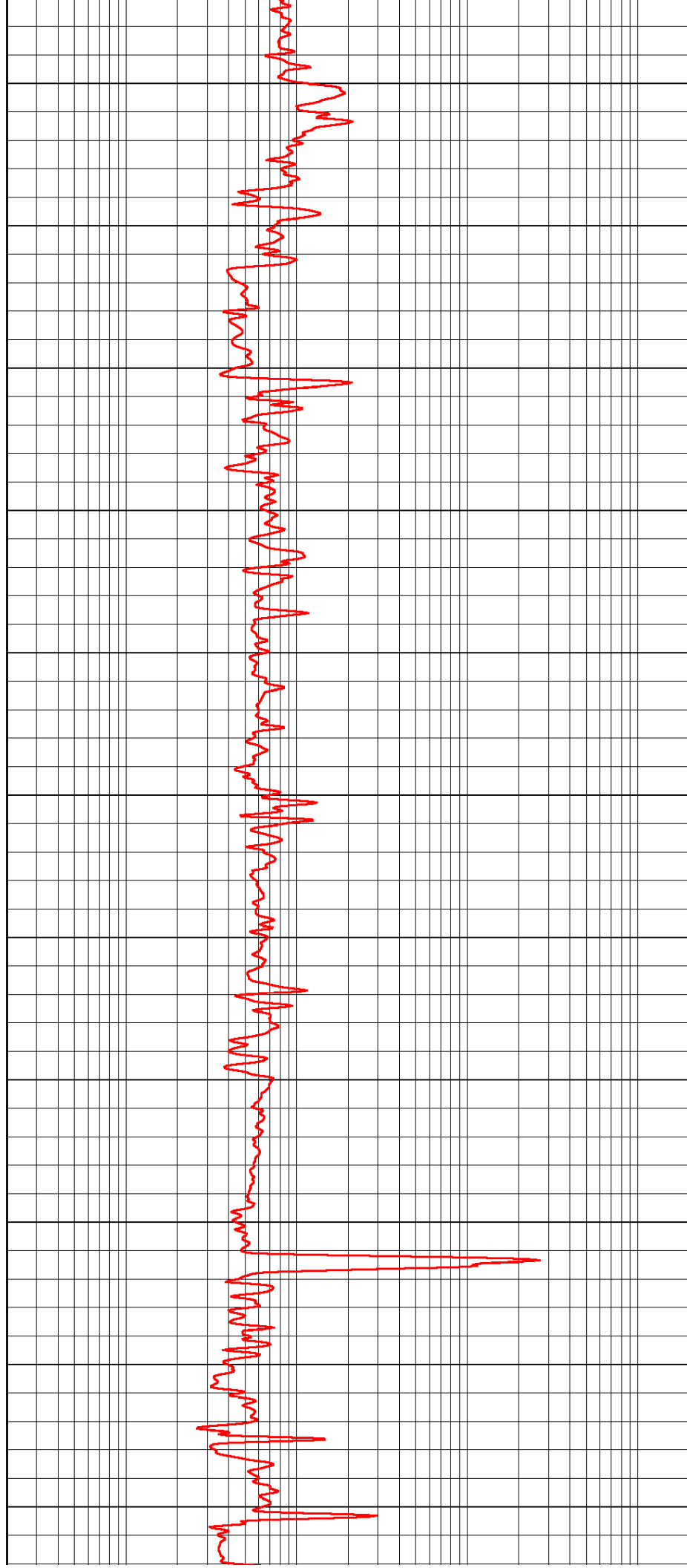
1050

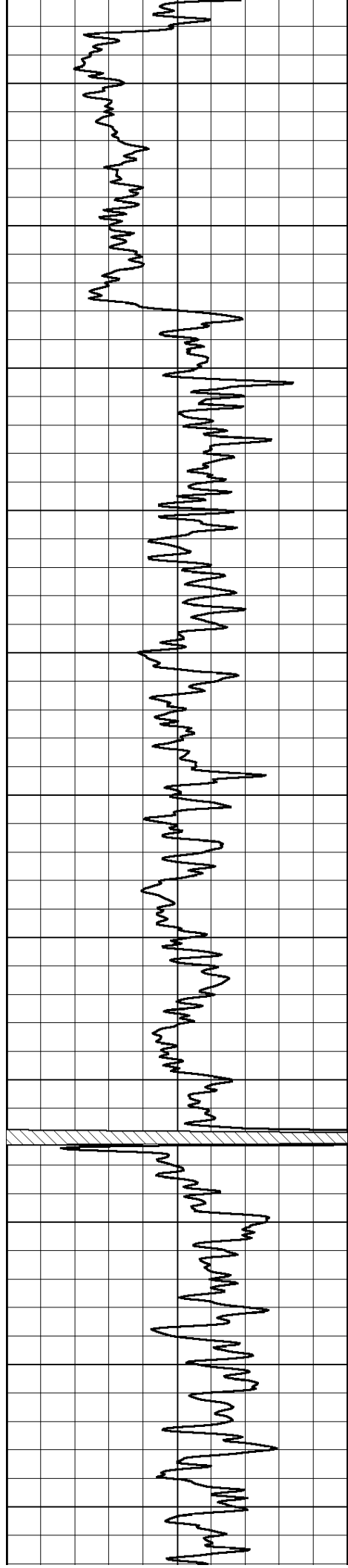
1100

1150

1200

1250





1300

1350

1400

1450

1500

1550

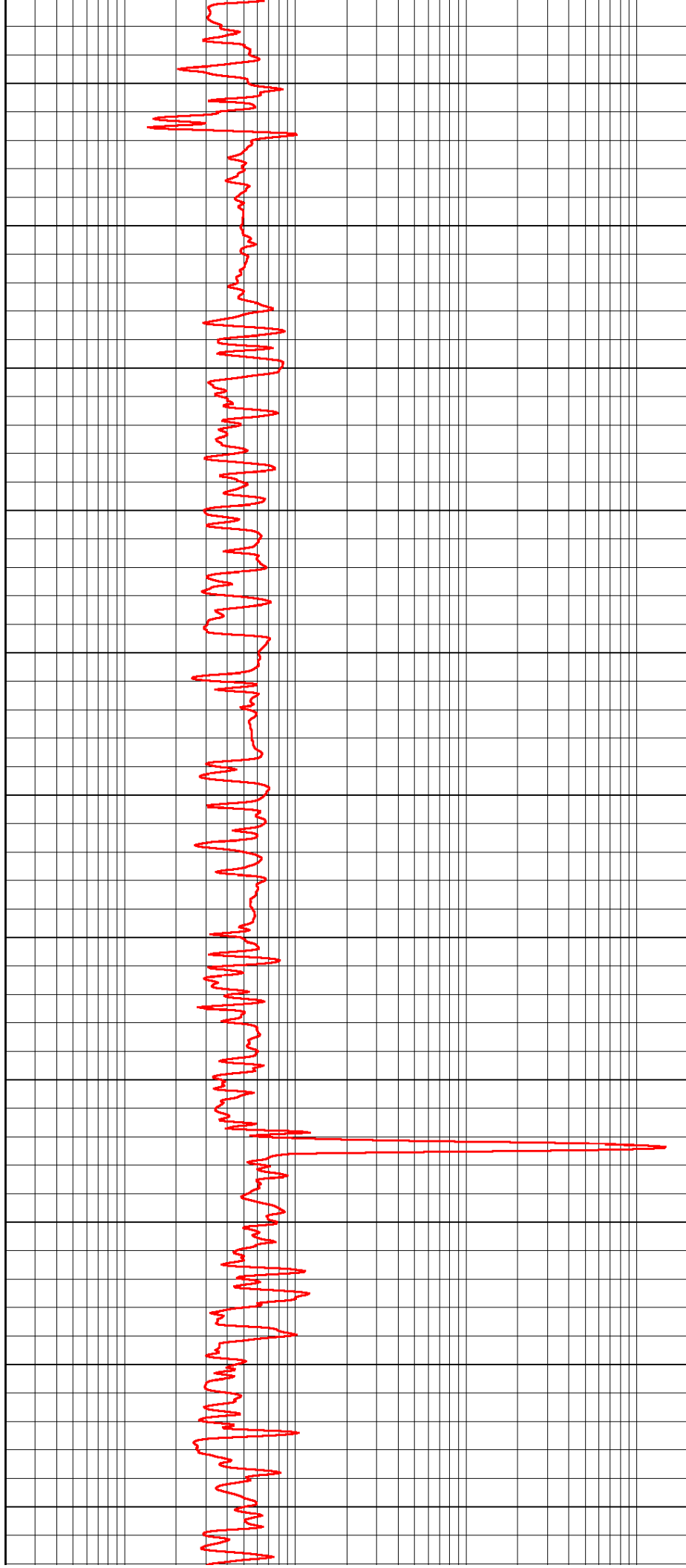
1600

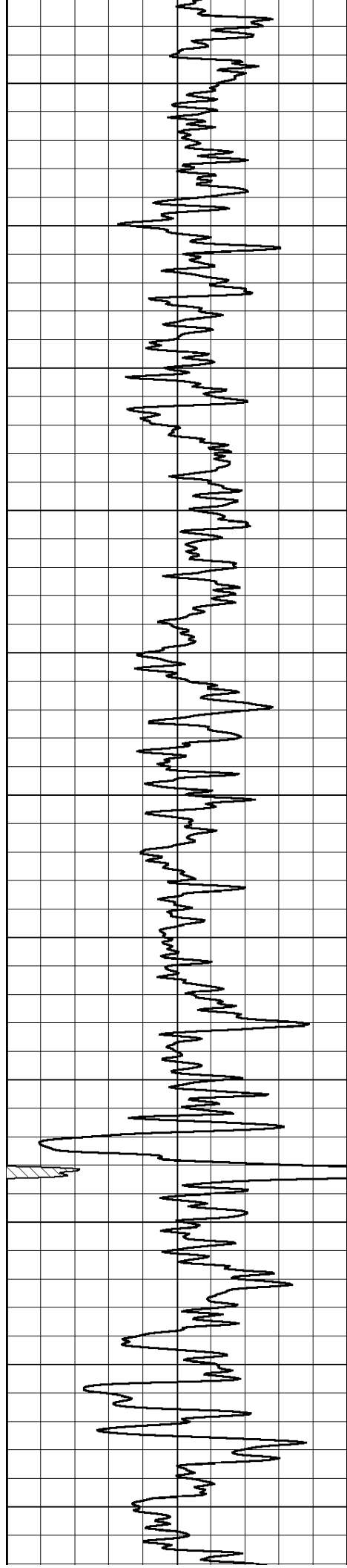
1650

1700

1750

1800





1850

1900

1950

2000

2050

2100

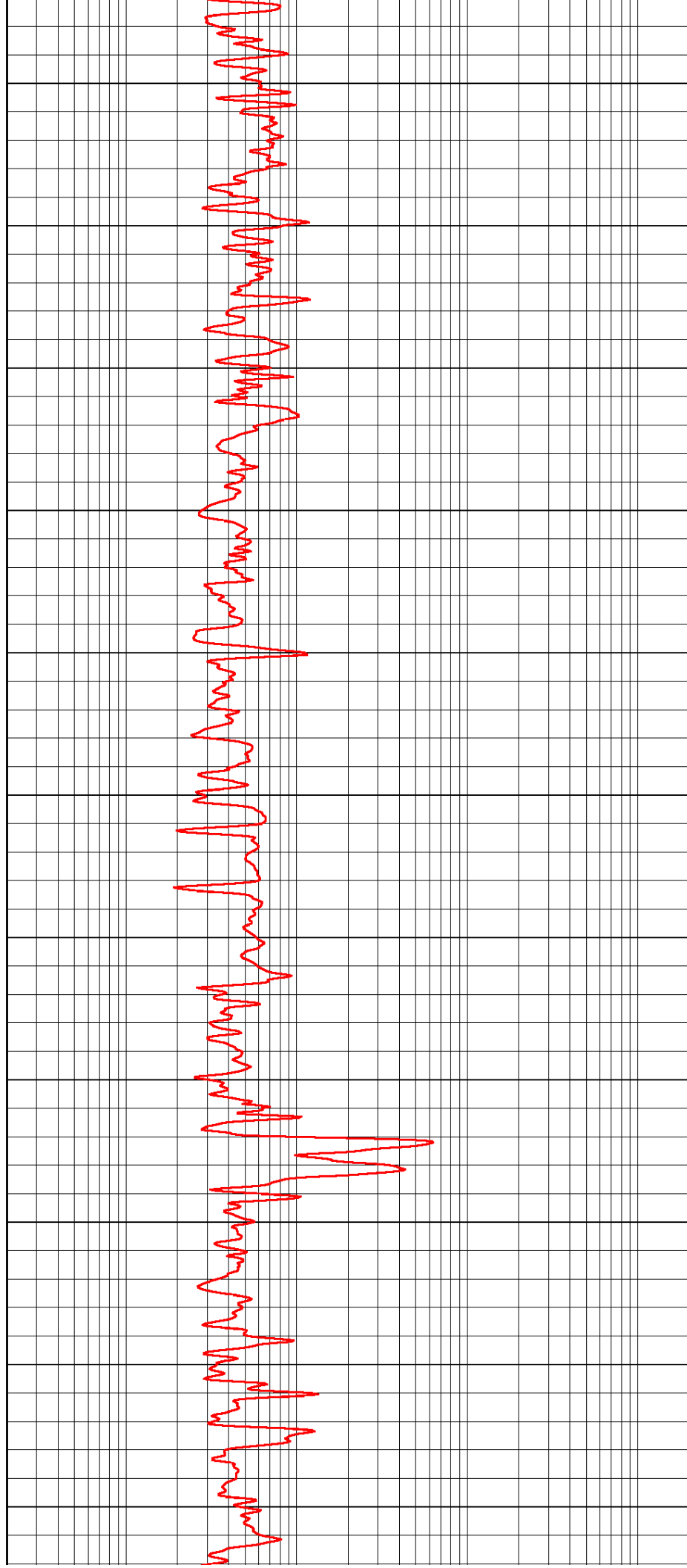
2150

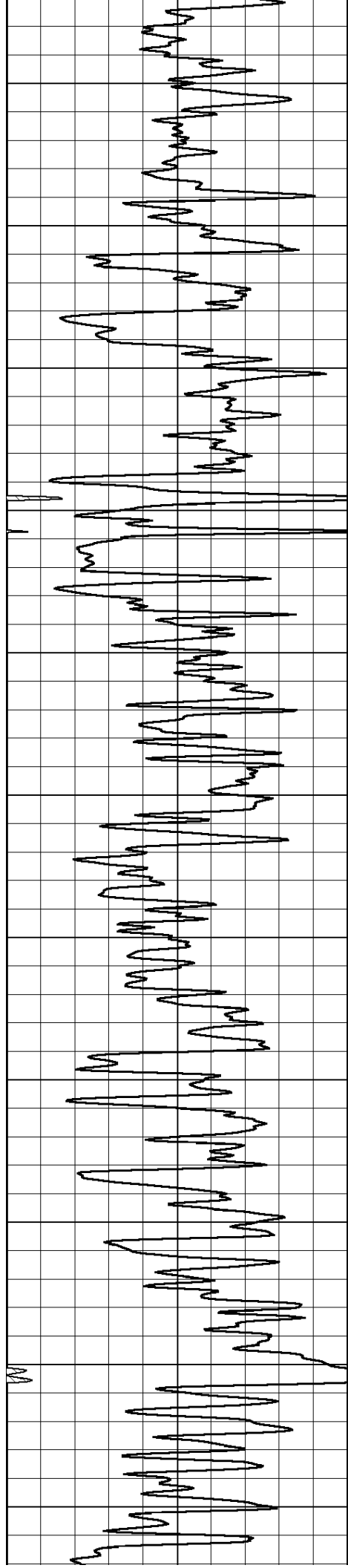
2200

2250

2300

2350





2400

2450

2500

2550

2600

2650

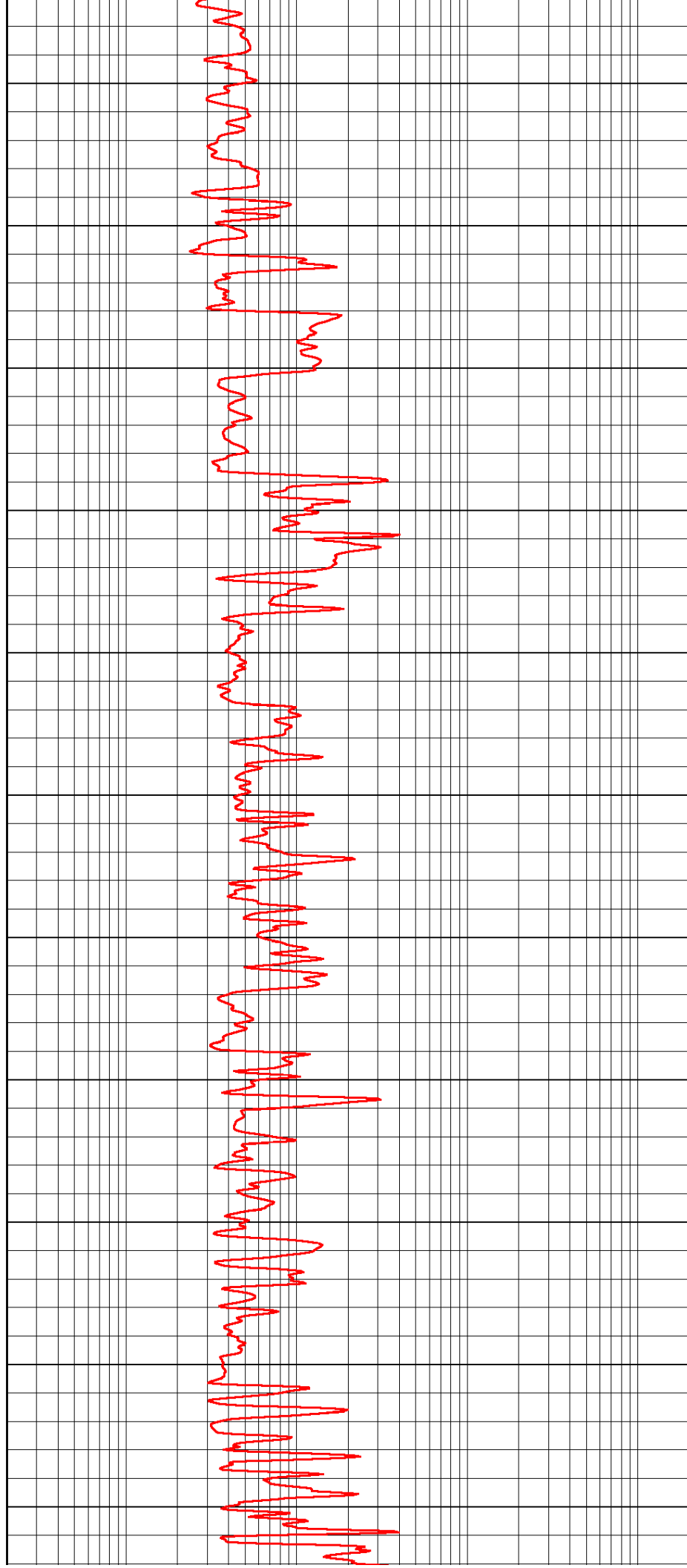
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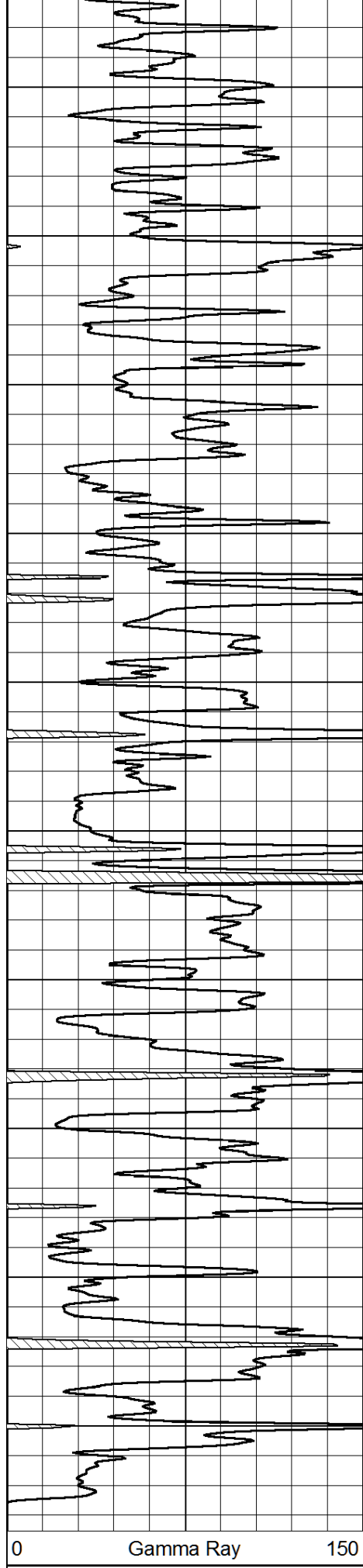
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2800

2850

2900





2950

3000

3050

3100

3150

3200

3250

3300

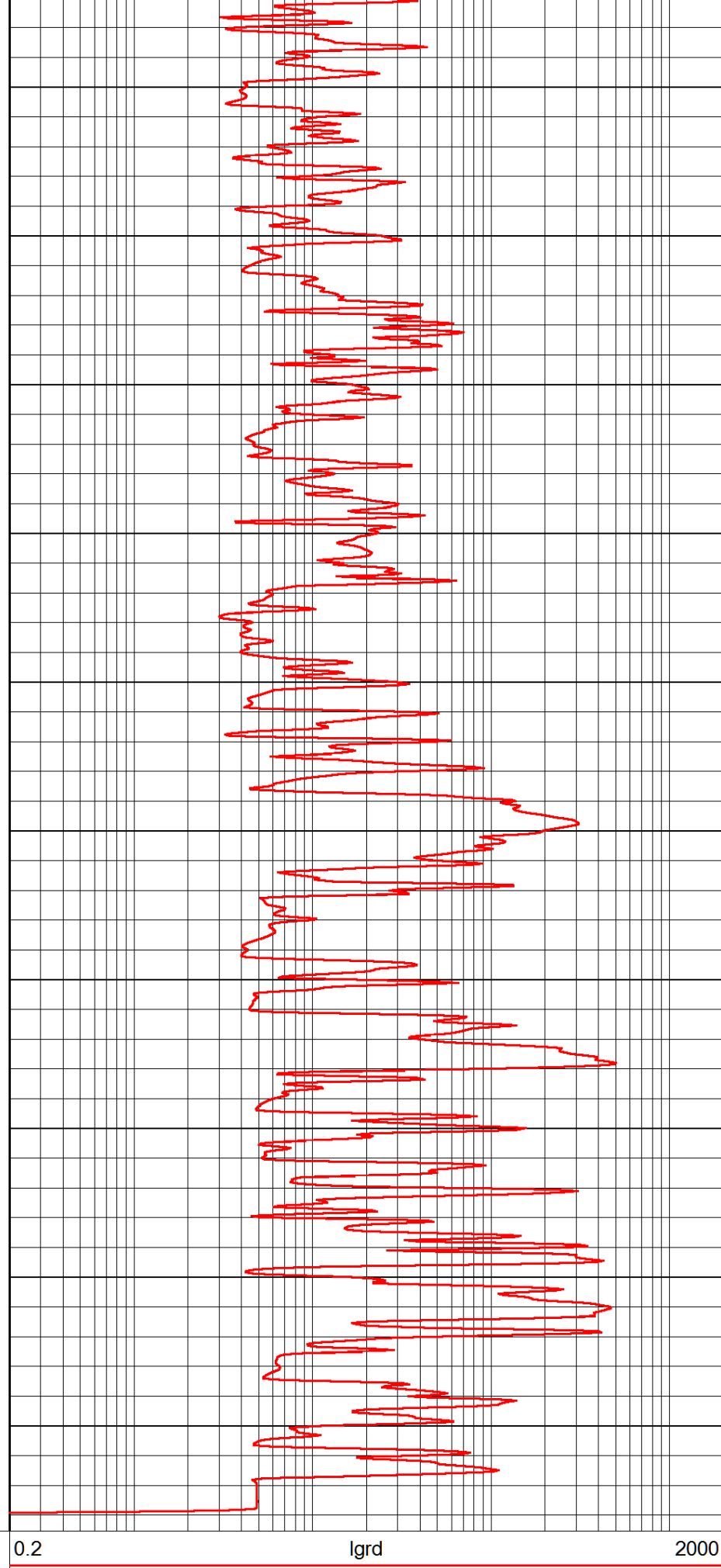
3350

3400

0

Gamma Ray

150



0.2

lgd

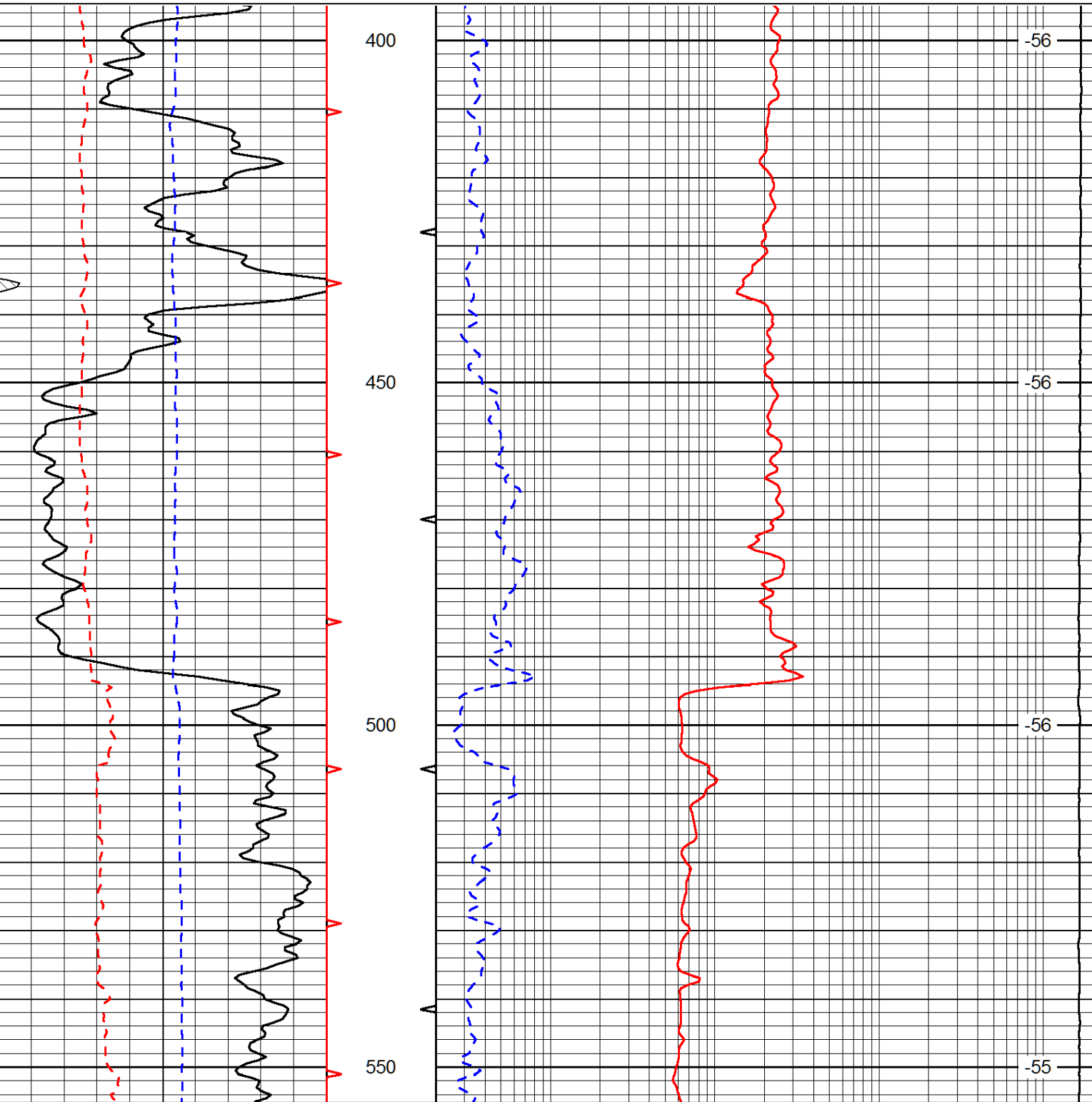
2000

Database File: bach_karon_1hd.db
Dataset Pathname: rag/bachrag
Presentation Format: rag
Dataset Creation: Tue Sep 09 09:37:15 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (GAPI)	16
-200	sp (mV)	0

0.2	LGRD	2000
560	SWNC	2160
15000	Line Tension	0

LSPD



0	Gamma Ray	150
6	Caliper (GAPI)	16
-200	sp (mV)	0

0.2	LGRD	2000
560	SWNC	2160
15000	Line Tension	0

LSPD

Database File: bach_karon_1hd.db
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6	Caliper (GAPI)	16
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15000	Line Tension	0

LSPD

